

To: Dermer, Michele[Dermer.Michele@epa.gov]; Taylor, Kimberly[ktaylor@usgs.gov]
Cc: Salera, Jerry@DOC[Jerry.Salera@conservation.ca.gov]; R9-Deep[R9Deep@epa.gov]
From: Robin, George
Sent: Thur 6/20/2013 4:37:22 PM
Subject: RE: GIS files for (USDW) aquifer zones in California designated under UIC for Class II wells

Hi Kim,

Please give me a call at your convenience if we need to discuss or provide your contact info. and I will contact you by phone.

To be specific, I think your reference to aquifers pertains to the particular subset which within UIC terminology are called USDWs (underground sources of drinking water) which are defined, including that they are those formations as having salinity of less than 10,000 ppm TDS, etc. (See their definition at 40 CFR Part 144.3 "Underground source of drinking water.....")

You might be best served if you contact the Ca. DOGGR's UIC Program Manager, Jerry Salera at 916-323-1781. But - I think he's on annual leave at this time; if so, please try to contact Rob Habel at 916-323-1780, and also try their General HQ number at 916-445-9686.

Other contacts can be found at:
http://www.conservation.ca.gov/dog/Pages/doggr_contacts.aspx

George Robin (robin.george@epa.gov)

Engineer, Underground Injection Control

US EPA, Region IX Phone (415) 972-3532

75 Hawthorne St. Fax (415) 947-3549

Ground Water Office

Mail Code: WTR-9

San Francisco, CA 94105

From: Dermer, Michele
Sent: Wednesday, June 19, 2013 10:31 AM
To: Taylor, Kimberly
Cc: Robin, George
Subject: RE: question about GIS file coverage for aquifer zones in California designated under UIC for Class II wells

Hello Kim,

I am going to refer your question to our CA DOGGR Project Officer George Robin, and he can give you the contact information for the State. I do know that they are working on loading this information into GIS but they could better answer your question.

Sincerely,

Michele

Michele Dermer

Acting Manager, Ground Water Office

EPA Region 9, WTR-9

75 Hawthorne Street

San Francisco, CA 94105

(415) 972-3417

From: Taylor, Kimberly [<mailto:ktaylor@usgs.gov>]

Sent: Wednesday, June 19, 2013 10:25 AM

To: Dermer, Michele

Subject: question about GIS file coverage for aquifer zones in California designated under UIC for Class II wells

Hi Michele

Several scientists in our office are interested in the possibility of helping the state design and implement studies of potential effects of oil and gas extraction on water and land resources.

One of the things we keep coming back to is the location/ volume of designated disposal areas.

Do you know whether there are electronic GIS files available for the designated aquifers?

Thanks

Kim

Kim Taylor, PhD

Program Officer

USGS California Water Science Center

6000 J St, Placer Hall

Sacramento, CA 95819

ktaylor@usgs.gov

The mission of the California Water Science Center is to collect, analyze and disseminate the impartial hydrologic data and information needed to wisely manage water resources for the people of the United States and the State of California.